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1 1. In a computer network that includes a plurality of networked computer  
2 systems, wherein a sending computer system sends an instant message through a chain of  
3 one or more computer systems to a destination computer system, a method of  
4 acknowledging delivery of the instant message, wherein the criteria for determining the  
5 success or failure of the delivery are user specified, the method comprising the following:

6 an act of the sending computer system identifying the user specified criteria  
7 for returning a successful acknowledgement message corresponding to the instant  
8 message to the user;

9 an act of the sending computer system determining whether the user  
10 specified criteria for returning a successful acknowledgement message are met; and

11 an act of the sending computer system returning a successful  
12 acknowledgement message corresponding to the instant message only if the user  
13 specified criteria have been met.

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15 2. A method in accordance with Claim 1, wherein the sending computer  
16 system comprises a sending client computer system associated with the user.

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18 3. A method in accordance with Claim 1, wherein the sending computer  
19 system comprises a server computer system associated with a sending client computer  
20 system.

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22 4. A method in accordance with Claim 3, wherein the act of the computer  
23 system identifying the user specified criteria for returning a successful acknowledgement  
24 message comprises the following:

an act of the sending server computer system receiving a data field representing the user specified criteria with the instant message; and

an act of the sending server computer system reading the data field to identify the user specified criteria.

5. A method in accordance with Claim 1, wherein the act of the computer system identifying the user specified criteria for returning a successful acknowledgement message comprises the following:

an act of reading a data field representing the user specified criteria from a database accessible to the sending computer system.

6. A method in accordance with Claim 1, wherein the user specified criteria is a "single hop" criteria, and the act of the sending computer system determining whether the user specified criteria for returning a successful acknowledgement message are met comprises an act of determining that the user specific criteria have been met if the first server computer system in the chain of computer systems receives the instant message.

7. A method in accordance with Claim 1, wherein the user specified criteria is a "deep or" criteria, and the act of the sending computer system determining whether the user specified criteria for returning a successful acknowledgement message are met comprises an act of determining that at least one of the intended recipients successfully received the instant message under the "deep or" criteria.

DOCKET # 2018-00000000

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2 8. A method in accordance with Claim 7 wherein the act of determining that at  
3 least one of the intended recipients received the instant message comprises the following:

4 an act of the computer system transmitting the instant message to the next  
5 computer system in the chain of computer systems along with an indication that the  
6 user specified criteria for returning a successful acknowledgement message is that  
7 at least one of the intended recipients successfully received the instant message  
8 under the "deep or" criteria;

9 an act of the computer system receiving an acknowledgement message from  
10 the next computer system in the chain of computer systems indicating whether or  
11 not at least one of the intended recipients successfully received the instant message  
12 under the "deep or" criteria; and

13 an act of the computer system determining that at least one of the intended  
14 recipients has received the instant message if the acknowledgement message from  
15 the next computer system indicates that at least one of the intended recipients  
16 successfully received the instant message under the "deep-or" criteria.

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18 9. A method in accordance with Claim 1, wherein  
19 the user specified criteria is a "deep and" criteria, and  
20 the act of the sending computer system determining whether the user specified  
21 criteria for returning a successful acknowledgement message are met comprises an act of  
22 the sending computer system determining that all of the intended recipients successfully  
23 received the instant message under the "deep and" criteria.  
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10. A computer-readable medium having computer-executable instructions for performing the acts recited in Claim 1.

a step for the sending computer system determining whether user specified criteria for returning a successful acknowledgement message corresponding to the received instant message are met; and

12. A method in accordance with Claim 11, wherein the user specified criteria is a single hop criteria, the step for the sending computer system determining whether user specified for returning a successful acknowledgement message corresponding to the received message are met comprises an act of determining that the user specified criteria are met if the first server computer system in the chain of computer systems receives the message.

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1 instant message are met comprises an act of determining that the user specified criteria are  
2 satisfied if at least one of the intended recipients receives the instant message.

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4 14. A method in accordance with Claim 11, wherein  
5 the user specified criteria is a deep and criteria,  
6 the step for the sending computer system determining whether user specified  
7 criteria for returning a successful acknowledgement message corresponding to the received  
8 instant message are met comprises an act of determining that the user specified criteria are  
9 satisfied if all of the intended recipients receives the instant message.

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11 15. A computer-readable medium having computer-executable instructions for  
12 performing the specific acts and the step recited in Claim 11.

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